**WHIRLY TWIRLY MILK LAB QUESTIONS:**

**PART A:**

1. Did the food coloring spread throughout the water without stirring?
2. Why did this happen?

**PART B:**

1. Does the food coloring spread throughout the milk without stirring? (compare to the water observations in Part A)
2. After you put the soapy toothpick into the milk, what happened?
3. After reading the explanation at the end of the lab, in your own words, explains what happened at the molecular level.

**PART C:**

1. Did you think the food coloring would spread faster in the skim milk or slower? Was your prediction correct?
2. Explain the differences that occurred in the skim milk as compared to the whole milk.
3. Explain how this lab illustrates the phrase “like dissolves like”.